

CLAIMS

What is claimed is:

1. A method of manufacturing a mattress, comprising:

providing a tray having a bottom panel and a perimeter sidewall, said bottom
5 panel and perimeter sidewall forming a cavity,

applying an adhesive to the bottom panel inside the cavity at least proximate to
the perimeter sidewall, and

placing an innercore inside the cavity,

wherein the innercore is secured to the bottom panel by the adhesive.

10 2. The method of claim 1, further comprising

disposing an upholstery layer over a top surface of the innercore.

3. The method of claim 1, wherein the perimeter sidewall is made of foam.

4. The method of claim 1, wherein the bottom panel comprises a layer of
high density foam.

15 5. The method of claim 1, wherein the bottom panel forms a substantially
rigid base platform that comprises a layer made of a material selected from the
group consisting of wood, cardboard, plastic or foam, said material capable of
providing support to the innercore.

20 6. The method of claim 1, wherein the innercore comprises a plurality of
spring coils.

7. The method of claim 1, wherein the innercore is selected from the group
of open coil innercores, fabric-encased spring coil innercores, and springs in
foam innercore.

8. The method of claim 1, wherein the innercore comprises a block of resilient foam.

9. The method of claim 1, wherein providing the foam tray includes gluing the perimeter sidewall to a peripheral region of a major surface of the bottom panel.

10. The method of claim 9, wherein the perimeter sidewall comprises a plurality of sidewall sections.

11. The method of claim 10, wherein the perimeter sidewall comprises at least four foam sidewall sections.

12. The method of claim 10, and further providing a wire for securing the innercore against the substantially rigid base platform.

13. The method of claim 1, wherein the perimeter sidewall includes a joint for allowing the mattress to pivot between a reclined and an inclined position.

14. A mattress comprising

a substantially rigid base platform;

a perimeter sidewall joined to the base platform, said platform and perimeter sidewall defining an interior cavity; and

an innercore disposed within the cavity,

wherein said innercore is secured to the bottom panel by an adhesive at least proximate to the perimeter sidewall.

15. The mattress of claim 14, wherein the innercore comprises pocketed springs and the adhesive bonds fabric surrounding the pocketed springs to the bottom panel.